

Amend claims 1, 13-14, 17, and 22 to read as follows:

Sub B1
1. (AMENDED) A method for providing access within an eye during an ocular surgical procedure, comprising the steps of:

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providing an entry alignment device that is configured so as to provide an entry aperture in each of the conjunctiva and sclera of the eye and maintaining the entry aperture in each of the conjunctiva and sclera aligned during the surgical procedure; and

inserting the entry alignment device into the eye so as to form the entry apertures.

13. (AMENDED) The method of claim 55 wherein said step of implementing further includes

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inserting a light source through the entry aperture formed by one of the plurality of entry alignment devices and inserting a high speed vitreous cutting/ aspirating instrument in the entry aperture formed by another of the plurality of entry alignment devices; and

removing vitreous gel using the high speed vitreous cutting/ aspirating instrument.

14. (AMENDED) The method of claim 13, further comprising the steps of:
inserting an operable portion of an infusion cannula through the conjunctiva and the sclera; and

maintaining the intraocular volume by infusing a fluid through the infusion cannula;

infusing a first fluid through the infusion cannula while aspirating vitreous fluid; and

exchanging the infused first fluid with a second fluid following the step of implementing.

as 17. (AMENDED) The method according to claim 15, wherein the entry alignment device is in the form of one of a metal cannula, a polyimide cannula, a wire spreader and a shoe-horn type member.

22. (AMENDED) The method of claim 14, further comprising the steps of:
infusing a first fluid through the infusion cannula while aspirating vitreous fluid;
and
exchanging the infused first fluid with a second fluid following the step of implementing.

Add new claim(s) 42-66 that read as follows:

42. (ADDED) A method for providing access within an eye during an ocular surgical procedure, comprising the steps of:
providing an insertion tool having a penetrating member and an entry alignment device;
removably mounting the entry alignment device onto the insertion tool
penetrating member; and
inserting the penetrating member into the eye, so the penetrating member and a portion of the entry alignment device penetrate each of the conjunctiva and sclera of the eye, whereby said portion of the entry alignment device establishes an entry aperture in each of the conjunctiva and sclera of the eye and maintains the entry aperture in each of the conjunctiva and sclera aligned during the surgical procedure.

43. (ADDED) The method according to claim 42, further includes the steps of:
removing the penetrating member from the eye; and
maintaining the portion of the entry alignment device disposed in the eye.

44. (ADDED) The method according to claim 42, wherein the entry alignment device is configured so as to include a through aperture and wherein said method further includes the steps of:

removing the penetrating member from the eye; and
maintaining the portion of the entry alignment device disposed in the eye, whereby the entry alignment device through aperture forms a passage extending between an interior and an exterior of the eye.

45 (ADDED) The method according to claim 44, wherein the entry alignment device being provided is sized such that when said portion of the entry alignment device is removed from the eye, the entry aperture formed in the conjunctiva and sclera are sealed without the use of sutures.

46. (ADDED) The method according to claim 45, wherein the entry alignment device being provided is sized such that when the entry alignment device is removed from the eye, the entry aperture is self sealing.

47. (ADDED) The method according to claim 44, further comprising the steps of:
providing a surgical instrument having an operable end for insertion through the entry alignment device through aperture, a portion of the operable end having a cross-sectional diameter not greater than 25 gauge; and

inserting the surgical instrument through the entry alignment device through aperture into the eye.

48. (ADDED) The method according to claim 47, wherein the surgical instrument is selected from the group consisting of a high-speed vitreous cutter, forceps, scissors, pick, light source, laser, fragmentation, diathermy, and aspirator.

49. (ADDED) The method according to claim 44, wherein the entry alignment device is in the form of one of a metal cannula or a polyimide cannula.

50. The method according to claim 44, wherein said step of inserting includes inserting the penetrating member and said portion of the entry alignment device into the eye so the entry apertures in the conjunctiva and sclera are at an angle with respect to a normal to the eye.

51. (ADDED) The method of claim 44, wherein the insertion tool being provided includes a handle member, where the penetrating member extends from an end of the handle member.

52. (ADDED) The method of claim 51, wherein the insertion tool further includes a mechanism for removably securing the entry alignment device to the insertion tool.

53. (ADDED) A method for treating a posterior segment of an eye comprising the steps of:

providing an insertion tool having a penetrating member and a plurality of entry alignment devices, each entry alignment device having a through aperture;

removably mounting one of the plurality of entry alignment devices onto the insertion tool penetrating member;

inserting the penetrating member into the eye, so the penetrating member and a portion of said one of the plurality of entry alignment devices penetrate each of the conjunctiva and sclera of the eye, whereby said entry alignment device portion establishes an entry aperture in each of the conjunctiva and sclera of the eye and maintains the entry aperture in each of the conjunctiva and sclera aligned during the surgical procedure;

removing the penetrating member from the eye, whereby the entry alignment device through aperture of said one of the plurality of entry alignment devices forms a passage extending between an interior and an exterior of the eye; and

repeating said steps of removably mounting, inserting and removing for each of the plurality of entry alignment devices; and
implementing a corrective procedure for the retina.

54. (ADDED) The method of claim 53, wherein said step of implementing a corrective procedure further includes:

inserting a light source through the entry alignment device through aperture of one of the plurality of entry alignment devices;

inserting a high speed vitreous cutting/ aspirating instrument through the entry alignment device through aperture of another of the plurality of entry alignment devices; and

removing vitreous gel using the high speed vitreous cutting/ aspirating instrument.

a7 Sub 2 55. (ADDED) A method for treating a posterior segment of an eye comprising the steps of:

providing a plurality of entry alignment devices, each entry alignment device being configured so as to provide an entry aperture in each of the conjunctiva and sclera of the eye and maintaining the entry aperture in each of the conjunctiva and sclera aligned during the surgical procedure;

inserting each of the plurality of entry alignment devices into the eye; and
implementing a corrective procedure for the retina.

56. (ADDED) A device kit including:

an insertion tool including a penetrating member;

at least one entry alignment device that is configured so as to be removably mounted to the insertion tool penetrating member and so a portion of the at least one entry alignment devices provides an entry aperture in each of the conjunctiva and sclera of the eye and to maintain the entry aperture formed in each of the conjunctiva and sclera aligned during a surgical procedure.

57. (ADDED) The device kit of claim 56, wherein the alignment device is sized such that when the entry alignment device is removed from the eye, the entry aperture formed in the sclera is one of self-sealing sealed or without the use of sutures.

58. (ADDED) The device kit of claim 56, wherein the entry alignment device is configured so as to include a through aperture that is sized to receive therein surgical instruments having a cross-sectional diameter of not more than 25 gauge.

an 59. (ADDED) The method of claim 56, wherein the insertion tool being provided includes a handle member, where the penetrating member extends from an end of the handle member.

60. (ADDED) The method of claim 56, wherein the insertion tool further includes a mechanism for removably securing the entry alignment device to the insertion tool.

61. (ADDED) The device kit of claim 56, further comprising a plurality of entry alignment devices and a plurality of penetrating members, one penetrating member for each of the plurality of entry alignment devices.

62. (ADDED) The device kit of claim 56, further comprising a plurality of entry alignment devices and a plurality of penetrating members, wherein each of the plurality of entry alignment devices is mounted upon a respective one of the plurality of penetrating members.

63. (ADDED) The method according to claim 9, wherein said inserting the infusion cannula further includes inserting the infusion cannula operable end one of directly through the conjunctiva and sclera or through the entry aperture in each of the conjunctiva and sclera formed by the entry alignment device.